



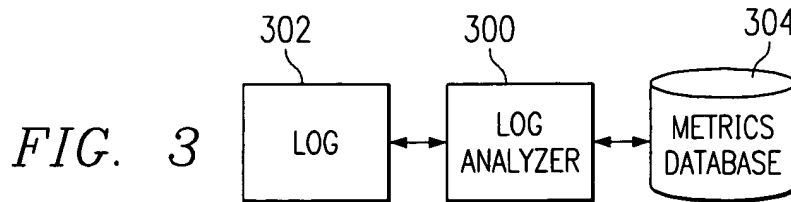
RSW920010060US1

Etgen

Method and Apparatus for Calculating Data Integrity
Metrics for Web Server Activity Log Analysis

REPLACEMENT
SHEET

2/4



402

FIG. 4A

Calculating Time Segment Weighted Averages and Time Gap Tolerances

Time Segments and Time Gap Tolerances

☒ Automated Analysis of Time Segment and Time Gap Tolerances

webserver1.log
webserver2.log
webserver3.log
webserver4.log

404

Add 406
Remove 408
Calculate 410

Results

12AM-5AM
6AM-11AM
12PM-5PM
6PM-11PM

412

Edit Gap Tolerance 414

☐ User-defined Time Segments and Time Gap Tolerances

Available Hours

12AM
1
2
3

440

Add 442
<<Remove 446

Time Segments

12AM-5AM
6AM-11AM
12PM-5PM
6PM-11PM

448

Edit Gap Tolerance 444

Window of Time

Select the number of prior time segments to include when finding the weighted average metric for a particular time scope:

1 26

Weighting Method

☐ Equal weighting 452
☒ Exponential weighting 454
☐ Decrease weight of time segments across Window of Time by 456

% every time segments.

458 460

OK Cancel